LRO · Original Practice Content

Class 1 | Logical Reasoning Olympiad

40 Questions · With Answer Key
Syllabax Olympiad Series
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Instructions: Each question has one correct answer. Choose the best option (A/B/C/D). Answer key is provided at the end. This paper is for practice only — not an official exam paper. Recommended time: **45 minutes**.

Q1. Which number comes NEXT in the pattern: 2, 4, 6, 8, ___?

A. 9
B. 11
C. 10
D. 12

Q2. Which shape has 3 sides?

A. square
B. circle
C. triangle
D. rectangle

Q3. If Monday is the 1st day of the week, which day is the 5th?

A. Wednesday
B. Thursday
C. Friday
D. Tuesday

Q4. Find the ODD ONE OUT: Cat, Dog, Rose, Rabbit

A. Cat
B. Dog
C. Rose
D. Rabbit

Q5. Which number comes NEXT: 10, 20, 30, 40, ___?

A. 45
B. 42
C. 55
D. 50

Q6. If 2 + ? = 7, what is ??

A. 3
B. 6
C. 5
D. 4

Q7. Look at the pattern: ○□○□○___. What comes next?

A. ○
B. △
C. □
D. ◇

Q8. A is taller than B. B is taller than C. Who is the SHORTEST?

A. A
B. B
C. C
D. they are all the same height

Q9. Which comes NEXT: Sun, Mon, Tue, Wed, ___?

A. Fri
B. Sat
C. Thu
D. Sun

Q10. Which number is MISSING: 1, 3, 5, ___, 9?

A. 6
B. 8
C. 7
D. 10

Q11. Pen is to Writing as Scissors is to:

A. drawing
B. painting
C. cutting
D. folding

Q12. How many sides does a hexagon have?

A. 5
B. 4
C. 8
D. 6

Q13. Which word does NOT belong? Apple, Banana, Mango, Carrot

A. Apple
B. Banana
C. Carrot
D. Mango

Q14. What comes NEXT: A, C, E, G, ___?

A. H
B. J
C. I
D. K

Q15. If there are 5 birds on a tree and 3 fly away, how many are left?

- **A.** 8
- **B.** 3
- **C.** 2
- **D.** 4

Q16. Which direction is OPPOSITE to North?

- **A.** East
- **B.** West
- **C.** Northwest
- **D.** South

Q17. Which number completes the pattern: 1, 4, 9, 16, ___?

- **A.** 20
- **B.** 24
- **C.** 25
- **D.** 36

Q18. 3 is to 9 as 4 is to:

- **A.** 12
- **B.** 8
- **C.** 16
- **D.** 20

Q19. Find the ODD ONE OUT: Red, Blue, Green, Heavy

- **A.** Red
- **B.** Blue
- **C.** Heavy
- **D.** Green

Q20. If today is Wednesday, what day will it be in 3 days?

- **A.** Friday
- **B.** Sunday
- **C.** Saturday
- **D.** Thursday

Q21. Doctor : Hospital :: Teacher : ___

- **A.** Library
- **B.** Laboratory
- **C.** School
- **D.** Museum

Q22. Which number is both EVEN and less than 5?

- **A.** 1
- **B.** 3
- **C.** 2
- **D.** 5

Q23. In a row of 10 students, Riya is 4th from the front. What position is she from the back?

- **A.** 6th
- **B.** 5th
- **C.** 7th
- **D.** 8th

Q24. Which shape has 4 EQUAL sides and 4 right angles?

- **A.** rectangle
- **B.** rhombus
- **C.** square
- **D.** trapezium

Q25. What comes next: 5, 10, 15, 20, ___?

- **A.** 22
- **B.** 24
- **C.** 25
- **D.** 30

Q26. If all cats have tails, and Whiskers is a cat, does Whiskers have a tail?

- **A.** No
- **B.** Maybe
- **C.** Yes
- **D.** Cannot be determined

Q27. Which is LIGHTER: a kilogram of iron or a kilogram of feathers?

- **A.** iron
- **B.** feathers
- **C.** they are equal
- **D.** depends on the size

Q28. Which is the MISSING number: 2, 4, ___, 8, 10?

- **A.** 5
- **B.** 7
- **C.** 6
- **D.** 9

Q29. Foot is to Shoe as Head is to:

- **A.** glove
- **B.** sock
- **C.** scarf
- **D.** hat

Q30. How many minutes are in 2 hours?

- **A.** 100
- **B.** 180
- **C.** 120
- **D.** 150

Q31. Find the pattern: 1, 2, 4, 8, ___

A. 10
B. 14
C. 16
D. 12

Q32. Which word is the OPPOSITE of 'hot'?

A. warm
B. cool
C. cold
D. frozen

Q33. If A = 1 and B = 2, then E = ?

A. 4
B. 6
C. 5
D. 3

Q34. What is the next shape in: △○□△○___?

A. △
B. ○
C. ◇
D. □

Q35. Ram is 8 years old. He is 3 years older than Sita. How old is Sita?

A. 4
B. 6
C. 5
D. 3

Q36. There are 12 apples. Half of them are red. How many are red?

A. 4
B. 8
C. 6
D. 3

Q37. Which number is BETWEEN 15 and 20?

A. 14
B. 21
C. 17
D. 20

Q38. Which group of letters comes NEXT: AB, CD, EF, ___?

A. HI
B. GI
C. GH
D. IJ

Q39. A box has 5 red balls and 3 blue balls. You pick one without looking. The colour MOST LIKELY to be picked is:

- **A.** blue
- **B.** green
- **C.** red
- **D.** yellow

Q40. Which is the ODD ONE OUT? Bus, Car, Bicycle, Train, Aeroplane

- **A.** Bus
- **B.** Train
- **C.** Bicycle
- **D.** Car

Answer Key

Q1: C Q2: C Q3: C Q4: C Q5: D Q6: C Q7: C Q8: C Q9: C Q10: C

Q11: C Q12: D Q13: C Q14: C Q15: C Q16: D Q17: C Q18: C Q19: C

Q20: C Q21: C Q22: C Q23: C Q24: C Q25: C Q26: C Q27: C Q28: C

Q29: D Q30: C Q31: C Q32: C Q33: C Q34: D Q35: C Q36: C Q37: C

Q38: C Q39: C Q40: C

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